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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/816,871	04/05/2004	Siegfried Alfons Stark	1.G164.208DIV	1825
35280	7590	11/12/2004	EXAMINER	
BUGNION S.A. CASE POSTALE 375 ROUTE DE FLORISSANT 10 GENEVA 12, CH-1211 SWITZERLAND			HINZE, LEO T	
			ART UNIT	PAPER NUMBER
			2854	
DATE MAILED: 11/12/2004 . .				

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/816,871

Applicant(s)

STARK ET AL.

Examiner

Leo T. Hinze

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 05 April 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☒ Certified copies of the priority documents have been received in Application No. 10/168,784.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

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## DETAILED ACTION

### *Specification*

1. The disclosure is objected to because of the following informalities: the specification should be amended to show the patent number of the parent application.

Appropriate correction is required.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-2 and 5-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Germann, US 5,282,417 (Germann).

Regarding claim 1, Germann teaches a machine for printing sheets, in particular securities sheets, for printing unprinted sheets while not printing intermediate sheets, the machine having at least one feed (14, Fig. 1) for unprinted sheets (B, Fig. 1), a plate cylinder (2, Fig. 1) with at least one printing plate, an impression cylinder (1, Fig. 1), a wiping device (3, Fig. 1) and an inking system (4, 5, Fig. 1) for inking the necessary zones of the plate or plates carried by the plate cylinder, wherein for an impression cylinder which can carry N sheets on its periphery, N is a multiple of 2, the plate cylinder comprises N/2 plates, so that half of the sheets carried by the impression cylinder are printed by each of the plates during one complete revolution of the cylinders. Here, the impression cylinder can hold

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two sheet, and the plate cylinder can hold up to two plates (col. 2, lines 37-38). Removing one of the plates from the plate cylinder would leave it with one plate.

Regarding claim 2, Germann also teaches wherein the  $N/2$  plates are distributed symmetrically on the plate cylinder. The plates in Germann are symmetrically distributed whether the plate cylinder carries one or two plates.

Regarding claim 5, Germann also teaches wherein  $N$  is equal to 2 (Fig. 1; col. 2, lines 37-38).

Regarding claim 6, Germann also teaches a delivery stack (19, Fig. 1), on which the sheets from the impression cylinder are deposited after a complete revolution of the latter.

Regarding claim 7, Germann also teaches wherein the inking system is an indirect inking system, comprising an ink collecting cylinder (8, Fig. 1), which interacts firstly with at least one ink applicator cylinder (19, Fig. 1) and secondly with the plate cylinder (2, Fig. 1) in order to ink the necessary zones of the plate or plates carried by the plate cylinder.

### ***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was

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commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

6. Claims 3 and 4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Germann in view of Harrold, US 1,935,051 (Harrold).

A. Regarding claim 3:

Germann teaches substantially all that is claimed as discussed in the rejection of claim 1 above, except an additional feed device for intermediate sheets, with which an intermediate sheet is introduced.

Harrold teaches a printing press (Fig. 1), including two feed tables (19, 30, Fig. 1). The printing press draws sheets from the piles alternately (p. 1, lines 7-10) and delivers them to the same point on the impression cylinder.

It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Germann to add a second feed device, because Harrold teaches that two feed devices are known in the art, and one having ordinary skill would recognize the advantages of two sheet feeders, such as longer printing runs from the availability of more sheets and ability to switch between two different types of paper.

B. Regarding claim 4, the combination of Germann and Harrold teaches all that is claimed as discussed above.

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***Conclusion***


7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Leo T. Hinze whose telephone number is (571) 272-2167. The examiner can normally be reached on M-F 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Hirshfeld can be reached on (571) 272-2168. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Leo T. Hinze  
Patent Examiner  
AU 2854  
5 November 2004

  
**ANDREW H. HIRSHFELD**  
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